

AMENDMENTS TO THE CLAIMS

- 1 (currently amended). A belt force measuring device, comprising:
a measuring spring, the expansion of which is a measure of the belt force;
a detector which is arranged on and directly attached to a first integral section of the
measuring spring in fixed relation to a first bearing of the measuring spring; and
a sensor element which is arranged on and directly attached to a second integral section of
the measuring spring in fixed relation to a second bearing of the measuring spring, the measuring
spring being arranged and formed such that it expands between the first and second ~~bearing~~ integral
sections of the measuring spring as a function of the belt force.
- 2 (original). The belt force measuring device according to claim 1, wherein the measuring
spring is arranged such that expansion as a function of the belt force is limited by a play of a locking
tab mounted with the play in a housing of the belt force measuring device.
- 3 (currently amended). The belt force measuring device according to claim 1, wherein
the measuring spring is pivotably mounted ~~flexibly in~~ by the first and second bearings ~~bearing~~.
- 4 (original). The belt force measuring device according to claim 1, wherein the detector is
located on the measuring spring so that it cannot rotate.
- 5 (original). The belt force measuring device according to claim 1, wherein the sensor
element is located on the measuring spring so it that cannot rotate.
- 6 (currently amended). The belt force measuring device according to claim 1, wherein
the measuring spring is formed as a leaf spring from spring steel strip and said first and second
integral sections have recesses receiving said detector and said sensor element.